

Subsurface Seepage Field Design Requirements

- ☒ **Lot size:** A sufficient area of suitable ground shall be available for a subsurface seepage field of a size equal to the requirements of the Private Sewage Disposal Code of Illinois
- ☒ **Drainage:** The private sewage disposal system shall not be located in areas where surface water will accumulate. Provisions shall be made to minimize flow of surface water over the area.
- ☒ **Soil:** Subsurface seepage fields shall be located and constructed in soil having adequate permeability as determined by a soils investigation conducted by a Certified Soil Classifier or an Illinois Licensed Professional Engineer.
- ☒ **Water Table:** Subsurface seepage systems receiving septic tank effluent should have at least 2 feet of vertical separation distance between the bottom of the subsurface seepage system and the top of the limiting layer or seasonal high water table. The depth of the limiting layer shall be confirmed by a soil boring test.
- ☒ **Seepage Field Size:** The results of the soils investigation will determine the size of the seepage field.
- ☒ **Distances:** Location of the various components of a private sewage disposal system shall comply with the Private Sewage Disposal Code of Illinois.

A septic tank must be located at least:

- 50 feet from a well or suction line from pump to well
- 10 feet from a water supply line
- 25 feet from a lake, stream, in ground swimming pool or any body of water
- 5 feet from the dwelling
- 5 feet from the property line

A seepage field must be located at least:

- 75 feet from a well or suction line from pump to well
- 25 feet from water supply line
- 25 feet from a lake, stream, in ground swimming pool or any body of water
- 10 feet from the dwelling
- 5 feet from the property line
- 10 feet from an artificial drain

Minimum Volumes for Septic Tanks Serving Residential Units

# of Bedrooms	Capacity of Tank (gallons)	Capacity when Garbage Grinder is used (gallons)
2 or less	750	1125
3	1000	1500
4	1250	2000
5	1500	2200
6	1750	2600
7	2000	3000